

2/19/2013 11:50 AM

**DOCKET NO. D-2012-018-1**

**DELAWARE RIVER BASIN COMMISSION**

**Discharge to a Tributary of Special Protection Waters**

**Union Lake Hotel, Inc. t/a Camp Equinunk & Blue Ridge  
Wastewater Treatment Plant  
Manchester Township, Wayne County, Pennsylvania**

**PROCEEDINGS**

This docket is issued in response to an Application submitted to the Delaware River Basin Commission (DRBC or Commission) by Environmental Engineering Management (EEM) on behalf of Union Lake Hotel, Inc. t/a Camp Equinunk & Blue Ridge (Union Lake) on May 3, 2012 (Application), for review of an existing wastewater treatment plant (WWTP). National Pollutant Discharge Elimination System (NPDES) Permit No. PA0043362 for this project was approved by the Pennsylvania Department of Environmental Protection (PADEP) on January 9, 2012, effective February 1, 2012.

The Application was reviewed for approval under Section 3.8 of the *Delaware River Basin Compact*. The Wayne County Planning Commission has been notified of pending action. A public hearing on this project was held by the DRBC on March 5, 2013.

**A. DESCRIPTION**

- 1. Purpose.** The purpose of this docket is to approve the existing 0.06 million gallons per day (mgd) Camp Equinunk WWTP and its related discharge.
- 2. Location.** The existing WWTP will continue to discharge treated effluent to an unnamed tributary (UNT) of Little Equinunk Creek at River Mile 312.7 – 3.64 – 2.37 (Delaware River – Little Equinunk Creek – UNT) via Outfall No. 001, in the drainage area to the Upper Delaware Special Protection Waters (SPW) area. The WWTP and its related discharge are located in Manchester Township, Wayne County, Pennsylvania as follows:

OUTFALL NO.	LATITUDE (N)	LONGITUDE (W)
001	41° 48' 45"	75° 11' 43"

3. **Area Served.** The existing WWTP will continue to serve Camps Equinunk and Blue Ridge located in Equinunk, Pennsylvania. For the purpose of defining the Area Served, Section B (Type of Discharge) and D (Service Area) of the docket holder's Application are incorporated herein by reference, to the extent consistent with all other conditions contained in the DECISION Section of this docket.

4. **Physical Features.**

a. **Design Criteria.** The docket holder will continue to operate the existing 0.06 mgd Camp Equinunk WWTP.

b. **Facilities.** The existing WWTP consists of a comminutor, a primary settling tank, an aeration basin, a secondary clarifier, a post aeration tank, a sludge holding tank, and ultraviolet (UV) disinfection.

The docket holder's wastewater treatment facility discharges to waters classified as SPW and is required to have available emergency power. The existing WWTP has a generator installed capable of providing emergency power. (SPW)

The docket holder's wastewater treatment facility is not staffed 24 hours per day, and shall have a remote alarm system that continuously monitors plant operations. The docket holder is required as part of the continued discharge to install remote alarm systems (See DECISION Condition I.o.). (SPW)

The docket holder submitted an emergency management plan (EMP) as part of the Application for review and approval. Commission staff find the EMP acceptable and require implementation of the EMP upon approval of this docket. (SPW)

The project facilities aren't located in the 100-year floodplain.

Wasted sludge will continue to be hauled off-site by a licensed hauler for disposal at a (State-approved) facility.

c. **Water withdrawals.** The potable water supply in the project service area is supplied by the docket holder. Withdrawals are less than 100,000 gallons per day as a 30-day average and are therefore not reviewable by the Commission.

d. **NPDES Permit / DRBC Docket.** NPDES Permit No. PA0043362 was approved by the PADEP on January 9, 2012 (effective February 1, 2012) and includes final effluent limitations for the project discharge of 0.06 mgd to surface waters classified by the PADEP as a high quality cold water fishery (HQ-CWF). The following average monthly effluent limits are among those listed in the NPDES Permit and meet or are more stringent than the effluent requirements of the DRBC.

**EFFLUENT TABLE A-1: DRBC Parameters Included in NPDES Permit**

<b>OUTFALL 001 (WWTP)</b>		
<b>PARAMETER</b>	<b>LIMIT</b>	<b>MONITORING</b>
pH (Standard Units)	6 to 9 at all times	As required by NPDES Permit
Total Suspended Solids	30 mg/l	As required by NPDES Permit
Dissolved Oxygen	7.0 mg/l (minimum at all times)	As required by NPDES Permit
CBOD (5-Day at 20° C)	10 mg/l (85% minimum removal*)	As required by NPDES Permit
Ammonia Nitrogen (5-1 to 10-31)	2.4 mg/l	As required by NPDES Permit
(11-1 to 4-30)	7.2 mg/l	
Fecal Coliform (5-1 to 9-30)	200 colonies per 100 ml as a geo. avg.	As required by NPDES Permit
(10-1 to 4-30)	2000 colonies per 100 ml as a geo. avg.	

\* DRBC Requirement

The DRBC requires monitoring of the following parameters that are not currently required under the PADEP NPDES Permit in accordance with the Commission's SPW program.

**EFFLUENT TABLE A-2: DRBC Parameters Not Included in NPDES Permit**

<b>OUTFALL 001 (WWTP)</b>		
<b>PARAMETER</b>	<b>LIMIT</b>	<b>MONITORING</b>
Total Dissolved Solids*	Monitor & Report *	Quarterly **
Phosphorus*	Monitor & Report *	Monthly *
Total Kjeldahl Nitrogen*	Monitor & Report *	Monthly *
Nitrate + Nitrite as N*	Monitor & Report *	Monthly *

\* DRBC Requirement

\*\* See DECISION Condition I.s.

- e. **Cost.** There are no costs associated with this existing WWTP discharge.

## **B. FINDINGS**

The purpose of this docket is to approve the existing 0.06 mgd Camp Equinunk WWTP and its related discharge.

In 1992, the DRBC adopted SPW requirements, as part of the DRBC *Water Quality Regulations (WQR)*, designed to protect existing high water quality in applicable areas of the Delaware River Basin. One hundred twenty miles of the Delaware River from Hancock, New York downstream to the Delaware Water Gap has been classified by the DRBC as SPW. This stretch includes the sections of the river federally designated as "Wild and Scenic" in 1978 -- the Upper Delaware Scenic and Recreational River and the Delaware Water Gap National Recreation Area -- as well as an eight-mile reach between Milrift and Milford, Pennsylvania which is not federally designated. The SPW regulations apply to this 120-mile stretch of the river and its drainage area. (Upper/Middle SPW)

On July 16, 2008, the DRBC approved amendments to its *WQR* that provide increased protection for waters that the Commission classifies as SPW. The portion of the Delaware River and its tributaries within the boundary of the Lower Delaware River Management Plan Area was approved for SPW designation and clarity on definitions and terms were updated for the entire program. (Upper/Middle SPW)

Article 3.10.3A.2.e.1). and 2). of the Commission's *WQR* states that projects subject to review under Section 3.8 of the Compact that are located in the drainage area of SPW must submit for approval a Non-Point Source Pollution Control Plan (NPSPCP) that controls the new or increased non-point source loads generated within the portion of the docket holder's service area which is also located within the drainage area of SPW. The service area of the docket holder is located within in the drainage area to the SPW. Since this project does not entail additional construction and expansion of facilities/service area (i.e., there aren't any new or increased non-point source loads associated with this approval), the NPSPCP requirement is not applicable at this time. Accordingly, DECISION Condition I.n. has been included in this docket.

The docket holder did not provide discharge data from 1987-1991 as part of the Application because the records could not be found. Effluent data from this docket cycle will be used to establish grandfathered loads for the WWTP since treatment flows and wasteload sources have not changed since SPW designation. The docket holder shall monitor for all parameters accordingly (See DECISION Condition I.d.).

At the project site, the UNT of Little Equinunk Creek is classified as an intermittent stream whose estimated seven-day low flow with a recurrence interval of ten years is less than 0.1 cubic feet per second (cfs).

The nearest surface water intake of record for public water supply downstream of the existing discharge is operated by the City of Easton on the Delaware River, approximately 124.7 river miles away.

The project does not conflict with the Comprehensive Plan and is designed to prevent substantial adverse impact on the water resources related environment, while sustaining the current and future water uses and development of the water resources of the Basin.

The limits in the NPDES Permit are in compliance with Commission effluent quality requirements, where applicable.

The project is designed to produce a discharge meeting the effluent requirements as set forth in the Commission's *WQR*.

### **C. DECISION**

I. Effective on the approval date for Docket No. D-2012-018-1 below, the project and the appurtenant facilities described in Section A "Physical Features" of this docket are approved pursuant to Section 3.8 of the *Compact*, subject to the following conditions:

a. Docket approval is subject to all conditions, requirements, and limitations imposed by the PADEP in its NPDES Permit, and such conditions, requirements, and limitations are incorporated herein, unless they are less stringent than the Commission's.

b. The facility and operational records shall be available at all times for inspection by the DRBC.

c. The facility shall be operated at all times to comply with the requirements of the Commission's *WQR*.

d. The docket holder shall comply with the requirements contained in the Effluent Tables in Section A.4.d. of this docket. The docket holder shall submit the required monitoring results directly to the DRBC Project Review Section. The monitoring results shall be submitted annually, absent any observed limit violations, by January 31. If a DRBC effluent limit is violated, the docket holder shall submit the result(s) to the DRBC within 30 days of the violation(s) and provide a written explanation that states the action(s) the docket holder has taken to correct the violation(s) and protect against any future violations.

e. Except as otherwise authorized by this docket, if the docket holder seeks relief from any limitation based upon a DRBC water quality standard or minimum treatment requirement, the docket holder shall apply for approval from the Executive Director or for a docket revision in accordance with Section 3.8 of the *Compact* and the *Rules of Practice and Procedure*.

f. If at any time the receiving treatment plant proves unable to produce an effluent that is consistent with the requirements of this docket approval, no further connections shall be permitted until the deficiency is remedied.

g. Nothing herein shall be construed to exempt the docket holder from obtaining all necessary permits and/or approvals from other State, Federal or local government agencies having jurisdiction over this project.

h. The discharge of wastewater shall not increase the ambient temperatures of the receiving waters by more than 5°F until stream temperatures reach 50°F, nor by more than 2°F when stream temperatures are between 50°F and 58°F, nor shall such discharge result in stream temperatures exceeding 58°F. (Trout Waters only)

i. The docket holder is permitted to treat and discharge wastewaters as set forth in the Area Served Section of this docket, which incorporates by reference Sections B (Type of Discharge) and D (Service Area) of the docket holder's Application to the extent consistent with all other conditions of this DECISION Section.

j. The docket holder shall make wastewater discharge in such a manner as to avoid injury or damage to fish or wildlife and shall avoid any injury to public or private property.

k. No sewer service connections shall be made to newly constructed premises with plumbing fixtures and fittings that do not comply with water conservation performance standards contained in Resolution No. 88-2 (Revision 2).

l. Nothing in this docket approval shall be construed as limiting the authority of DRBC to adopt and apply charges or other fees to this discharge or project.

m. The issuance of this docket approval shall not create any private or proprietary rights in the waters of the Basin, and the Commission reserves the right to amend, suspend or rescind the docket for cause, in order to ensure proper control, use and management of the water resources of the Basin.

n. Prior to allowing connections from any new service areas or any new developments, the docket holder shall either submit and have approved by the Executive Director of the DRBC a NPSPCP in accordance with Section 3.10.3.A.2.e, or receive written confirmation from the Executive Director of the DRBC that the new service area is in compliance with a DRBC approved NPSPCP.

o. The docket holder shall install remote alarm controls within 12 months of docket approval (by March 6, 2014). The docket holder shall inform the Commission's Executive Director via letter that the remote alarm controls are installed.

p. Unless an extension is requested and approved by the Commission in advance, in accordance with paragraph 11 of the Commission's Project Review Fee schedule (Resolution No. 2009-2), the docket holder is responsible for timely submittal of a docket renewal application on the appropriate DRBC application form at least 12 months in advance of the docket expiration date set forth below. The docket holder will be subject to late charges in the event of untimely submittal of its renewal application, whether or not DRBC issues a reminder notice in advance of the deadline or the docket holder receives such notice. In the event that a timely and complete application for renewal has been submitted and the DRBC is unable, through no fault of the docket holder, to reissue the docket before the expiration date below (or the later date established by an extension that has been timely requested and approved), the terms and conditions of the current docket will remain fully effective and enforceable against the docket holder pending the grant or denial of the application for docket approval.

q. The Executive Director may modify or suspend this approval or any condition thereof, or require mitigating measures pending additional review, if in the Executive Director's judgment such modification or suspension is required to protect the water resources of the Basin.

r. Any person who objects to a docket decision by the Commission may request a hearing in accordance with Article 6 of the Rules of Practice and Procedure. In accordance with Section 15.1(p) of the Delaware River Basin Compact, cases and controversies arising under the Compact are reviewable in the United States district courts.

s. The docket holder may request of the Executive Director in writing the substitution of specific conductance for TDS. The request should include information that supports the effluent specific correlation between TDS and specific conductance. Upon review, the Executive Director may modify the docket to allow the substitution of specific conductance for TDS monitoring.

t. The docket holder is prohibited from treating/pre-treating any hydraulic fracturing wastewater from sources in or out of the Basin at this time. Should the docket holder wish to treat/pre-treat hydraulic fracturing wastewater in the future, the docket holder will need to first apply to the Commission to renew this docket and be issued a revised docket allowing such treatment and an expanded service area. Failure to obtain this approval prior to treatment/pre-treatment will result in action by the Commission.

**BY THE COMMISSION**

**DATE APPROVED:**

**EXPIRATION DATE: January 31, 2017**